

Palayesh-e Hesar Mehran Co.



Emulsion Bitumen / CRS-1

No.	Test	Test / Metod		Acceptable range		Result
		ASTM	INSO	min	max	
1	Viscosity by Saybolt Furol Viscometer@ 50 °C,SFS	D7496	20644	20	100	17
2	Storage Stability@ 24hr,%	D6930	20637	—	1	0.7
3	Demulsibility of Emulsified Bitumens with 35 ml of aqueous solution of 0.8% sodium acetate and sulfosuccinate,%	D6930	13582	40	—	44.48
4	Determine the particle load	D7402	20642	Positive		+
5	Sieve Test,%	D6933	20638	-	0.1	0.05
6	Distillation					
6-1	The oily product obtained from distillation relative to the volume of emulsion	D6997	13580	-	3	0.28
6-2	distillation residue,%			60	-	60.43
7	Test on distillation residue					
7-1	Penetration @ 25 °C (100 gr. 5s),10 ⁻¹ mm	D5	2950	100	250	104
7-2	Ductility @ 25 °C (5 cm/min), Cm	D113	3866	40	-	131
7-3	Solubility in trichloroethylene, wt%	D7553	2953	97.5	-	99.96



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